PATENT / DOCKET NO. 12964.17

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Hassan Jomaa

Serial No.: 09/673,389
International Appl. No.: PCT/EP99/02463

Filed: October 13, 2000
Int. Appl.Date: April 13, 1999

For: PROCESS FOR IDENTIFYING CHEMICAL ACTIVE INGREDIENTS AND ACTIVE INGREDIENTS FOR INHIBITING THE 1-DESOXY-D-XYLULOSE-5-PHOSPHATE BIOSYNTHESIS PATHWAY

INFORMATION DISCLOSURE STATEMENT

Box: DO/EO/US
Commissioner For Patents
Washington, DC 20231

Sir:

Pursuant to the provisions of 37 C.F.R. § 1.97, Applicant hereby makes of record the references set forth in the attached modified form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order and not in any order based on their pertinence. The undersigned first became aware of the cited patents by their inclusion in an International Search Report in connection with the PCT counterpart of the present application. A copy of the Search Report is enclosed.

It is requested that the Examiner fully consider the cited references and that they be cited on the front of any patent issuing from this application.

Copies of the cited references are attached. An early action on the merits is respectfully requested.

Respectfully submitted,

Warren B. Kice
Reg. No. 22,732

Dated: 12/3/00

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231
on December 4, 2000
Sandra Kubin
SANDRA KUBIN

In Place of Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 12964.17	SERIAL NO. 09/673,389
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Hassan Jomaa	
		FILING DATE October 13, 2000	GROUP Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROP R-IATE
	AA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AB	197 52 700	06/99	Germany				
	AC							
	AD							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.).

	AE	H.C. Neu et al, "In Vitro and In Vivo Antibacterial Activity of FR-31564, a Phosphonic Acid Antimicrobial Agent,", ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, June 1981,1013-23
	AF	H.C. Neu et al, "Synergy of Fosmidomycin FR-31564 and Other Antimicrobial Agents,"ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, October 1982, 560-563
	AG	D. Greenwood, "Fosfomycin and fosmidomycin," ANTIBIOTICS AND CHEMOTHERAPY, 1997, 357-359
	AH	Sprenger, Georg A. et al, "Identification of a thiamin-dependent synthase in Escherichia coli required for the formation of the 1-deoxy-D-xylulose-5-phosphate precursor to isoprenoids, thiamin, and pyridoxol," PROC. NATL. ACAD. SCI. USA, 1997, 12857-12862
	AI	Lois, Luisa Maria et al, "Cloning and characterization of a gene from Escherichia coli encoding a transketolase-like enzyme that catalyzed the synthesis of D-1-deoxyxylulose-5-phosphate, a common precursor for isoprenoid, thiamin,a nd pyridoxol biosynthesis," PROC. NATL. ACAD. SCI USA, 1998, 2105-2110

EXAMINER DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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	BA						
	BB						
	BC						
	BD						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	BE							
	BF							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.).

	BG	Kuzuyama et al, "Fosmidomycin, a Specific Inhibitor of 1-Deoxy-d-Xylulose-5-Phophate Reductoisomerase in the Nonmevalonate Pathway for Terpenoid Biosynthesis", TETRAHEDRON LETTERS, October 1998, 7913-7916
	BH	Zuzuyama, et al, "Direct formation of 2-C-Methyl-D-Erythritol 4-phosphate from 1-Deoxy-D-Xylulose-5-Phosphate Reductoisomerase, a new enzyme in the non-mevalonate pathway to isopentenyl diphosphate, TETRAHEDRON LETTERS, 1198, 4509-4512
	BI	Putra, et al, "Incorporation of '2,3-'13!C2!- and '2,4-'13!C2!-D-1-Deoxyxylulose into ubiquinone of Escherichia coli via the Mevalonate-Independent pathway for Isoprenoid Biosynthesis, TETRAHEDRON LETTERS, 1998, 23-26
	BJ	Lange, B. Markus, et al, "A family of transketolases that directs isoprenoid biosynthesis via a mevalonate-independent pathway," PROC. NATL. ACAD. SCI. USA, 1998 2100-2104

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